March 1, 2004

Approved for use through 07/31/2003. OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

H1596 Attorney Docket No. Christopher F. Lyons First Inventor SHALLOW TRENCH ISOLATION. Title

(Only for new nonprovisional applications under 37 CFR 1.53(b)) EV337310675US Express Mail Label No. Mail Stop Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 7. CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. See 37 CFR 1.27. (if applicable, all necessary) 3. Specification [Total Pages 13 Computer Reader Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: b. - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention Paper - Brief Summary of the Invention - Brief Description of the Drawings (if filed) Statements verifying identity of above copies - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s) - Abstract of the Disclosure 9. Assignment Papers (cover sheet & document(s)) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets _ 37 CFR 3.73(b) Statement 10. Power of (when there is an assignee) Attorney [Total Sheets 2 11. 5. Oath or Declaration English Translation Document (if applicable) a. Newly executed (original or copy) Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations b. Copy from a prior application (37 CFR 1.63(d)) 13. **Preliminary Amendment** (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** 15. Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR 16. 🔽 Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. Other: Check..... 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Examiner Prior application information: Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number: OR Correspondence address below Name Andrew Romero Renner, Otto, Boisselle & Sklar, LLP Address 1621 Euclid Avenue, Nineteenth Floor City Zip Code Cleveland State Ohio 44115-2191 Country Telephone Fax v.s. (216) 621-1113 (216)621-6165 Name (Print/Type) Registration No. (Attorney/Agent) Andrew Romero 43,890 Date Infrew Ylomero

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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der the Paperwork Reduction Act of 19	95, no persons are require	d to respond to a collection of info	ormation unless it displays a valid OMB control nu	mber	
CEE TO AND	CRAITTAI	Co	omplete if Known		
FEE TRANS	DIVII I AL	- Application Number	Not Yet Assigned		
for EV	2004	Filing Date	Herewith		
for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision. pplicant claims small entity status. See 37 CFR 1.27		First Named Inventor	Christopher F. Lyons		
		Examiner Name	Not Yet Assigned		
		Art Unit	Not Yet Assigned		
AL AMOUNT OF PAYMENT	(\$) 770.00	Attorney Docket No.	H1596		
METHOD OF PAYMENT (check all that apply)		FEE CA	FEE CALCULATION (continued)		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
Check Credit card Money Other None	3. ADDITIONAL FEES			
Deposit Account:	Large Entity Small Entity			
Deposit Deposit	Fee Fee Fee Fee Fee Description			
Account Number 18-0988	1051 130 2051 65 Surcharge - late filing fee or oath	ee Paid		
Deposit Renner Otto Boisselle &	1052 50 2052 25 Surcharge - late provisional filing fee or			
Account Name Sklar, LLP	cover sheet			
The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification			
Charge fee(s) indicated below Credit any overpayments				
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after			
to the above-identified deposit account.	Examiner action 1251 110 2251 55 Extension for reply within first month			
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month 1252 420 2252 210 Extension for reply within second month			
1. BASIC FILING FEE	1253 950 2253 475 Extension for reply within third month			
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid				
Code (\$) Code (\$)	1255 2.010 2255 1.005 Extension for reply within fifth month			
1001 770 2001 385 Utility filing fee 770.00				
1002 340 2002 170 Design filing fee	1401 330 2401 165 Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1 1452 110 2452 55 Petition to revive - unavoidable			
SUBTOTAL (1) (\$) 770.00				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	E 1453 1,330 2453 665 Petition to revive - unintentional			
Fee from Extra Claims below Fee Paid	1501 1,330 2501 665 Utility issue fee (or reissue)			
Total Claims 20 -20** = 0 X 18 = 0.00	1503 640 2503 320 Plant issue fee			
Independent 3 - 3** = 0 X 86 = 0.00	1460 130 1460 130 Petitions to the Commissioner			
Multiple Dependent =0.00	1807 50 1807 50 Processing fee under 37 CFR 1.17(g)			
Large Entity Small Entity	1806 180 1806 180 Submission of Information Disclosure Stmt			
Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	Popperling cook notant analyses and			
1202 18 2202 9 Claims in excess of 20	property (times number of properties)			
1201 86 2201 43 Independent claims in excess of 3	1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid	1010 110 E010 CCC 1 CCCC CCCC CCCC CCCC			
1204 86 2204 43 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application			
SUBTOTAL (2) (\$) 0.00	Other fee (specify)			
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00			

SUBMITTED BY				(Complete ((if applicable))
Name (Print/Type)	Andrew Romero	Registration No. (Attorney/Agent)	43,890	Telephone	216-621-1113
Signature	andrew Vlomero		,	Date	March 1, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief-Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/35 (05-03)
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NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)

First N	lamed Inventor	Christopher F. Lyons
Title	SHALLO	W TRENCH ISOLATION
Attorn	ey Docket Numbe	H1596

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Date

Signature

216-621-1113

Telephone number

Andrew Romero

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.